

## PATENT ABSTRACTS OF JAPAN

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### (54) METHOD FOR TRANSMITTING DATA IN RADIO TELEPHONE SYSTEM AND RADIO TELEPHONE NETWORK AND RADIO TELEPHONE SET

#### (57)Abstract:

**PURPOSE:** To reduce costs without preventing channel opening even in a period in which data transmission is not operated by forming an actual data communication channel at the time of transmitting data by a mobile station, and switching the channel to a virtual data communication channel.

**CONSTITUTION:** A digital cellular system is provided with a packet data service unit for the bi-directional transmission of packet data so that a cellular network can be connected with a data network. When a mobile station is connected with a service unit, the network is allowed to operate signaling related with a specific connection configuration so that plural parameters can be stored in the mobile station and the service unit. This state is called a virtual channel, and when the mobile station transmits a data packet or requests the transmission of the data packet, the data of the virtual channel are used, and a packet transfer channel is generated. Thus, the virtual channel can be maintained until the service is disconnected even after the transfer is ended.

